

### **Abstract of the Disclosure**

A heat exchanger having excellent heat exchanging performance is obtainable by a simple production technique and at a low cost. This is achieved by providing a fin member and by increasing heat conductivity between the fin member and a meandering pipe body. Further, the heat exchanger is made compact for high degrees of layout freedom, enabling the heat exchanger to be installed in a tight space. Engagement grooves (8) are provided in both end surfaces (6, 7), which are opposite to each other, of a fin member (5) in which fins (4) are parallel arranged. Straight pipe sections (2) are parallelly arranged, with gaps (16) in between, in the engagement grooves (8) of the fin member (5). The straight pipe sections (2) are connected at bent sections (3). A pair of meandering sections (11, 12) is arranged opposite to each other with an insertion gap (17) of the fin member (5) in between. On (11) of the meandering sections and the other meandering section (12) are connected by a connection pipe (13) to form a meandering pipe main body (1). The straight pipe sections (2) of the one meandering section (11) are arranged in the engagement grooves (8) in the one end surface (6) of the fin member (5) inserted and arranged in the insertion gap (17) between the one meandering section (11) and the other meandering section (12) of the meandering pipe body (1), and the straight pipe sections (2) of the other meandering section (12) are arranged and fixed in the engagement grooves (8) in the other end surface (7).